

State of Illinois

Dept. & Div. X 11 E.P.A.Inspector William C Ryan
(Signature)Date 10/23/80
InspectedMine Name Fidelity #11Mine Company FREEMAN UNITED COAL MINING COMPANYIEPA 1973 - MD - 8 - OP - 4
1976 - EA - 838 - RDR

M & M

568-79Permit No. 1980 - MD - 9051

Permit No.

885-82
825-82**RECEIVED**

County

PerryGeneral Location Approximately 5 miles west of DeQuoin NOV 06 1980Arrival Time _____ Weather Conditions Clear & Sunny**MINE POLLUTION
CONTROL PROGRAM**70's

RECLAMATION TYPE (Check Appropriate Type)

Reason for Visit: RoutineMine Includes Prime Land Yes/ NoSteep Slope Rule Applies Yes/ NoCoal Preparation Yes/ No

Not Applicable _____

Persons Contacted: _____

Bill SmithGlen HamiltonPARAMETER CHECKLIST1. Availability of: A permits B Plans

2. Imminent Danger to Public Health and Safety _____

3. Significant Imminent Environmental Harm _____

4. Signs and Markers: A. mine entrance B. perimeter C. blasting D. topsoil
E. perimeter observance 1. 100' zone 2. 300' zone F. permit area correlation
G not investigated H. not applicable5. Disposal Spoil and Waste Material Outside Pit or Direct Cast Site: A gob disposal:
1. site capacity 2. covering 3. vegetation B within permit area C site approved
D. slope of site E. steep slope rules F. valley fill or head of hollow fills:
1. permit area 2. location near ridge top 3. fill design 4. fill construction
5. steep slope rules 6. under drains 7. lateral drains 8. controlled placement
9. engineer inspection G. not investigated H. not applicable6. Soil Handling: A. removal before other disturbance B. storage C. protection
D. thickness E. root medium F. other overburden G. toxic material handling
H. root medium satisfactory for top soil replacement (slope, thickness, texture)
I. topsoil replaced J. grading current K. rills and gullies L. erosion control
systems M. timely revegetation and mulching N not investigated O. not applicable7. Prime Land: A. prime land determination B. soil horizon removal prior to other
disturbance C. thickness removed D. approved horizon storage E. protection of
stockpiles F. horizon replacement and thickness G. protection of replaced horizons
H. grade I not investigated J. not applicable8. General Water Quality and Hydrology: A. waterways B. grading C. vegetation D. toxic
material E. horizontal bore holes F sediment ponds: 1. size 2. structure
3. spillway 4. clean out 5. over 20' high or over 20 acres foot storage (yes/ no)
6. seepage 7. structural weakness 8. discharge structure 9. chemical treatment system
9(a). permitted yes/ no B discharge water quality H. buffer zone (100') observance
I. zone markers J NPDES permits required yes/ no K. water quality L. not inves-
tigated M. not applicable

cc: Dept. of Mines and Minerals

EPA Region 5 Records Ctr.



324301

(5/02/80)

9. Stream Channel or Other Water Diversion: ☒ temporary or permanent B. size adequacy C. stability D. gradient E. grade stability F. suspended solids G. sediment control H. channel design I. erosion control structures J. fish and wildlife protection K. vegetation L. removal of temporary structures M. structure removal procedures N. not investigated O. not applicable
10. Road Hydrology: A. culverts B. ditches C. location choice D. grade E. stream closeness F. ditch relief drains G. out slope drains H. construction material toxic/ non-toxic I. maintenance J. railroad spur hydrology K. vegetation ☒ not investigated M. not applicable
11. Impoundment Structures: A. M.H.S.A. construction observance ☒ coal waste in structure ☒ freeboard ☒ stability ☒ seepage F. engineer inspection G. dam marker ☒ maintenance I. ditch and spillways J. changes in geometry of structure K. not investigated L. not applicable
12. Steep Slope Procedure: A. spoil on outslope B. debris C. highwall removal D. disturbance above highwall E. excess spoil F. instability of spoil and woody material G. not investigated ☒ not applicable
13. Preparation Plant: ☒ yes: ☒ permitted yes/ no ☒ closed water system yes/ no ☒ discharge potential yes/ no B. no, raw coal shipped C. not investigated

LEGEND: ☐ = parameter inspected: ☒ = comment or question on the parameter

NOTE: Items circled were considered during this investigation. If nothing under a major item was investigated, circle either "not investigated" or "not applicable". Violation means violation or apparent violation

NO VIOLATIONS FOUND

X SEE ATTACHMENT

Indicated Parameter			Comments Or Action Taken
	Check Column		
No.	Vio- lation	Non-Vio- lation	
5.A.B.C.		✓	} See attachment
8 F.		✓	
8 G		✓	
8 J		✓	
9 A.		✓	
11 H		✓	

ATTACHMENT

Fidelity #11
Freeman United Coal Mining Company
October 23, 1980

GENERAL COMMENT: See the attached site sketch.

5. A.B.C.: The company has ceased using the non-permitted gob disposal area northeast of the preparation plant. The area has been covered with soil, but has not been final graded or seeded. The mine is currently using the permitted refuse disposal area. A portion of that area has also been recently covered.

8. F.: There are no sedimentation ponds at this mine. The north field is tributary to the final cut lake, which has a potential discharge permitted under NPDES. The active field is tributary to a final cut lake, which is being filled as mining progresses. There is no discharge from this system.

8. G.: I did not observe any discharges from the mine site on this date.

8. J.: The potential discharges from this mine are permitted under NPDES Permit #ILO000302.

9. A.: All the drainage from the affected pit area is diverted to a final cut lake via a deep diversion ditch. This ditch will eventually be mined through.

11. H.: Slurry was flowing under the discharge pipe between the two active slurry cells. Mr. Smith indicated they may remove the pipe and place another one at a slightly different location. This is within the slurry circuit impoundment and should cause no environmental problems.

William C. Ryan

William C. Ryan
Environmental Protection Agency

WCR:mg
10/30/80
cc: Dept. of Mines and Minerals

